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1600

## RAW SEQUENCE LISTING

DATE: 02/24/2003

PATENT APPLICATION: US/09/932,888A

TIME: 15:24:10

Input Set : A:\Pm8935a.app

Output Set: N:\CRF4\02242003\I932888A.raw

3 <110> APPLICANT: SPURLOCK, MICHAEL E.  
4 BIDWELL, CHRISTOPHER A.  
6 <120> TITLE OF INVENTION: PORCINE LEPTIN PROTEIN, ANTISENSE AND ANTIBODY  
8 <130> FILE REFERENCE: PM-8935-A  
10 <140> CURRENT APPLICATION NUMBER: 09/932,888A  
11 <141> CURRENT FILING DATE: 2001-08-20  
13 <150> PRIOR APPLICATION NUMBER: 08/692,922  
14 <151> PRIOR FILING DATE: 1996-07-31  
16 <160> NUMBER OF SEQ ID NOS: 12  
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81                                     1 5
83 ctg tgc cga ttc ctg ctg gct ttg gcc tat ctg tcc tac gtt gaa gcc 1004
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88 Val Pro Ile Trp Arg Val Gln Asp Asp Thr Lys Thr Leu Ile Lys Thr
89 25 30 35
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92 Ile Val Thr Arg Ile Ser Asp Ile Ser His Met
93 40 45
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172          Gln Ser Val Ser Ser Lys Gln Arg Val Thr Gly Leu
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177          65          70          75
179 cag acc ctg gcg atc tac caa cag atc ctg acc agt ctg cct tcc aga 3531
180 Gln Thr Leu Ala Ile Tyr Gln Gln Ile Leu Thr Ser Leu Pro Ser Arg
181          80          85          90
183 aat gtg atc caa ata tcg aat gac ctg gag aac ctg cgg gac ctt ctg 3579
184 Asn Val Ile Gln Ile Ser Asn Asp Leu Glu Asn Leu Arg Asp Leu Leu
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187 cac ctg ctg gcc tcc tcc aag agc tgc ccc ttg ccc agc agg gcc ctg 3627
188 His Leu Leu Ala Ser Ser Lys Ser Cys Pro Leu Pro Ser Arg Ala Leu
189          110          115          120
191 gag acc ttg gag agc ctg ggc ggc gtc ctg gaa gcc tcc ctg tac tcc 3675
192 Glu Thr Leu Glu Ser Leu Gly Gly Val Leu Glu Ala Ser Leu Tyr Ser
193 125          130          135          140
195 acg gag gtg gtg gcc ctg agc agg ctg cag ggg gct ctg cag gac atg 3723
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271 agttcaggaa gtgtttgctg gaagagcgga gtttccaggc tgattttgca ggaggtgagg 5873
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279 &lt;212&gt; TYPE: PRT

280 &lt;213&gt; ORGANISM: Porcine sp.

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290 35 40 45
292 Gln Ser Val Ser Ser Lys Gln Arg Val Thr Gly Leu Asp Phe Ile Pro
293 50 55 60
295 Gly Leu His Pro Val Leu Ser Leu Ser Lys Met Asp Gln Thr Leu Ala
296 65 70 75 80
298 Ile Tyr Gln Gln Ile Leu Thr Ser Leu Pro Ser Arg Asn Val Ile Gln
299 85 90 95
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302 100 105 110
304 Ser Ser Lys Ser Cys Pro Leu Pro Ser Arg Ala Leu Glu Thr Leu Glu
305 115 120 125
307 Ser Leu Gly Gly Val Leu Glu Ala Ser Leu Tyr Ser Thr Glu Val Val
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320 &lt;213&gt; ORGANISM: Porcine sp.

322 &lt;220&gt; FEATURE:

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332 Ile Val Thr Arg Ile Ser Asp Ile Ser His Met Gln Ser Val Ser Ser
333 20 25 30
335 aaa cag agg gtc acc ggt ttg gac ttc atc cct ggg ctc cat cct gtc 144
336 Lys Gln Arg Val Thr Gly Leu Asp Phe Ile Pro Gly Leu His Pro Val
337 35 40 45
339 ctg agt ttg tcc aag atg gac cag acc ctg gcg atc tac caa cag atc 192
340 Leu Ser Leu Ser Lys Met Asp Gln Thr Leu Ala Ile Tyr Gln Gln Ile
341 50 55 60
343 ctc acc agt ctg cct tcc aga aat gtg atc caa ata tcg aat gac ctg 240
344 Leu Thr Ser Leu Pro Ser Arg Asn Val Ile Gln Ile Ser Asn Asp Leu
345 65 70 75 80
347 gag aac ctc cgg gac ctt ctc cac ctg ctg gcc tcc tcc aag agc tgc 288
348 Glu Asn Leu Arg Asp Leu Leu His Leu Leu Ala Ser Ser Lys Ser Cys
349 85 90 95
351 ccc ttg ccc agc agg gcc ctg gag acc ttg gag agc ctg ggc ggc gtc 336
352 Pro Leu Pro Ser Arg Ala Leu Glu Thr Leu Glu Ser Leu Gly Gly Val
353 100 105 110
355 ctg gaa gcc tcc ctc tac tcc acg gag gtg gtg gcc ctg agc agg ctg 384
356 Leu Glu Ala Ser Leu Tyr Ser Thr Glu Val Val Ala Leu Ser Arg Leu
357 115 120 125
359 cag ggg gct ctg cag gac atg ctg cgg cac gtg gac ctc agc cct ggc 432
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363 tgc 435
364 Cys
365 145
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370 <212> TYPE: PRT
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381 35 40 45
383 Leu Ser Leu Ser Lys Met Asp Gln Thr Leu Ala Ile Tyr Gln Gln Ile
384 50 55 60
386 Leu Thr Ser Leu Pro Ser Arg Asn Val Ile Gln Ile Ser Asn Asp Leu
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389 Glu Asn Leu Arg Asp Leu Leu His Leu Leu Ala Ser Ser Lys Ser Cys

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/932,888A

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Input Set : A:\Pm8935a.app  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 2943, 2944, 2983, 3037